

Plastic Material Recycling Identification Code

Intertech, the Expert of plastic injection industry ([mold development](#) & [injection molding service](#)), provides the most common used plastic material recycling identification code for your reference. Hereby we show our knowledge about the plastic material and plastic recycling material information in plastic industry.

Sign	Plastic Material	Application	Temp. & Feature	Color
	(PET , Polyethylene terephthalate)	Polyester fiber, thermoplastic resin, tape and water bottles, commercial beverage bottles, edible oil bottles.	Heat resistance 60 ~ 85 °C Hardness and toughness, light weight, non-volatile, Acid and alkali resistance	White or transparent
	(PE , High-density polyethylene)	Bottles, shopping bags, recycling barrels, agricultural management, cup seats, car barriers, fresh bottles, sports equipment and composite plastic wood	Heat resistance 90 ~ 110 °C corrosion resistance, acid and alkali resistance, not easy to thoroughly clean the residue	White translucent
	(PVC , Polyvinyl chloride)	Pipe, wall and non-food bottles, plastic wrap, egg box, seasoning cans and so on	Heat resistance 60 ~ 80 °C . high plasticity	Colorless and transparent
	(PE , Low-density	Plastic bags, all kinds of	Heat resistance 70 ~	White translucent

	polyethylene)	containers, vials, bottles, piping and various molded laboratory equipment	90 °C corrosion resistance, acid and alkali resistance	
	(PP , Polypropylene)	Auto parts, industrial fiber and food containers, food meal utensils, cups, pudding boxes, soy bottles, etc.	Heat resistance 100 ~ 140 °C , acid and alkali resistance, resistant to chemical substances, impact resistance, high temperature endurable	White translucent
	(PS , Polystyrene)	desktop accessories, self-service tray, food tableware, toys, video cassettes, lotus bottles, ice cream box, instant noodles bowl, partitions and foam polystyrene (EPS) products such as polyline	Heat resistance 70 ~ 90 °C low water absorption, good stability	Colorless and transparent
	Other plastics, including melamine, ABS resin (ABS),	Food meal utensils	PC heat resistance 120 ~ 130 °C PLA	PC / PLA / Acrylic is colorless and

	polymethylmethacrylate (PMMA), polycarbonate (PC), polylactic acid (PLA), nylon and glass fiber reinforced plastic		heat resistance of about 50 °C	transparent

www.intertech.net.tw

www.taiwanmoldmaker.com

www.injection-molding.com.tw

<http://plasticmoldmaker.blogspot.tw/>

<https://www.facebook.com/Plastic-mold-1081123818582123/>

<https://www.youtube.com/channel/UC4Db7zKgmejxpEaBLtwMw6Q>